



I-580 Access Improvement Project

PROJECT OVERVIEW

The project will reduce congestion on the Richmond-San Rafael Bridge by converting the existing shoulder on eastbound I-580 to a peak-period use lane between Sir Francis Drake Boulevard (Marin County) and Marine Street (Contra Costa County). To allow for the peak-period use lane and maintain bicycle access to Point Molate in Richmond, the project will upgrade the current bicycle access that relies on the I-580 shoulder with a separate bicycle/pedestrian path on the north side of I-580 adjacent to westbound traffic.

The project also will install a concrete barrier system on the upper deck of the Richmond-San Rafael Bridge to convert the existing freeway shoulder to a barrier-separated path for bicycles and pedestrians.

Peak-Period Use Lane on I-580 Freeway

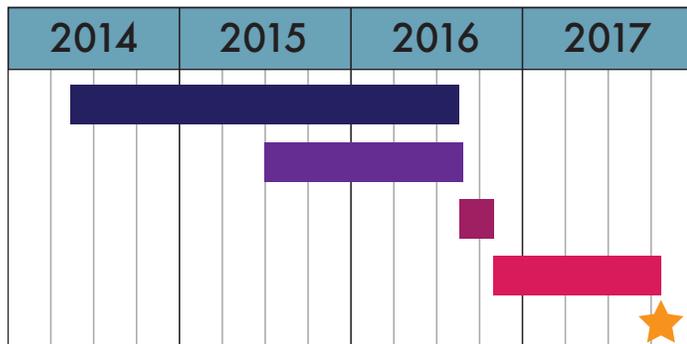
The peak-period use lane will be open to motorists during the weekday evening commute hours, when eastbound traffic is highly congested. To accommodate the additional traffic, the lane will require reconstruction of some components of the freeway. These include:

- Reconstruct the Main Street on-ramp (Marin County) with retaining walls to improve the traffic merge with the new lane.
- Replace pavement on the bridge approach to accommodate traffic loads.
- Reconstruct a retaining wall in Richmond to achieve a safe sight distance for vehicles traveling in the new lane.
- Provide a barrier-separated bicycle and pedestrian path to Point Molate.

Bicycle/Pedestrian Path

To complete the path across San Francisco Bay, the westbound shoulder on the Richmond-San Rafael Bridge may be converted with a movable barrier-separated bicycle/pedestrian path. The movable barrier would allow Caltrans and BATA to complete bridge maintenance activities during short duration closures of the path. These closures will typically occur at night. The path will be 10-foot wide and will comply with standards outlined by the Americans with Disabilities Act.

PROJECT SCHEDULE (as of October 2015)



- Project Approval/Environmental Document
- Design
- Advertise & Award
- Construction
- ★ Open 3rd Eastbound Lane and Bike Path

PROJECT BENEFITS

- Reduces traffic congestion in eastbound direction of I-580 in Marin County
- Provides bicycle and pedestrian access between Contra Costa and Marin counties

COST ESTIMATE

(October 2015)

Cost estimate by major project element	
3rd I-580 Eastbound Lane	\$37 M
R-SR Bridge — Bicycle Path	\$25 M
Environmental/Design	\$8 M
Total	\$70 M



Eastbound I-580 requires widening in Contra Costa County to accommodate the third eastbound lane. The retaining wall shown must be removed and replaced with a wall set further back from I-580.



Going Green! Connecting Marin and Contra Costa Counties for Bicyclists and Pedestrians

For the first time ever the Richmond-San Rafael Bridge will connect the Bay Trail between Contra Costa and Marin counties for bicyclists and pedestrians. Adding another link to the future 500-mile bicycle and hiking network benefits residents in both counties. The proposed path will begin in Richmond at Marine Street and continue adjacent to westbound I-580 to Main Street in San Rafael. A mix of permanent and moveable barriers will separate bicyclists from vehicle traffic.



The above rendering shows the proposed 10-foot bi-directional bicycle-pedestrian path on the upper deck of the Richmond-San Rafael Bridge. Path users will be separated from traffic by a concrete barrier system.

